

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DE2004/002123

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01T15/00 H01C7/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H01C H01T H02H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 1996, no. 05, 31 May 1996 (1996-05-31) & JP 8 017552 A (MITSUBISHI ELECTRIC CORP), 19 January 1996 (1996-01-19) cited in the application abstract	1-11
A	PATENT ABSTRACTS OF JAPAN vol. 2003, no. 06, 3 June 2003 (2003-06-03) & JP 2003 037932 A (M SYST GIKEN:KK), 7 February 2003 (2003-02-07) cited in the application abstract	1-11

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
7 January 2005	17/01/2005
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl. Fax: (+31-70) 340-3016	Authorized officer Plützer, S

INTERNATIONAL SEARCH REPORT

International Application No
PCT/DE2004/002123

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 0151, no. 08 (E-1045), 14 March 1991 (1991-03-14) & JP 3 001476 A (FUJI ELECTRIC CO LTD), 8 January 1991 (1991-01-08) cited in the application abstract -----	1-11
A	DE 296 15 186 U (SIEMENS AG) 31 October 1996 (1996-10-31) the whole document -----	1-11

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/DE2004/002123

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
JP 8017552	A	19-01-1996	NONE			
JP 2003037932	A	07-02-2003	NONE			
JP 3001476	A	08-01-1991	NONE			
DE 29615186	U	31-10-1996	DE WO	29615186 U1 9808281 A1		31-10-1996 26-02-1998

THIS PAGE BLANK (USPTO)

Docket # 2003P11735

Applic. #

Applicant: H Schillert, et al.

Lerner Greenberg Stemmer LLP
Post Office Box 2480
Hollywood, FL 33022-2480
Tel: (954) 925-1100 Fax: (954) 925-1101